

The history of the internet

LECTURE
SUMMARY

PRE-PROGRAMMING

Covered in this lecture:

Why internet was created and how it evolved

- ▶ The first version of the internet was made by DARPA (Defense Advanced Research Projects Agency)
- ▶ Created in the 1960s, ARPANET was a project that aimed to connect two computers to each other, one in UCLA and the other one in Stanford
- ▶ Through this connection, the world's first computer message ("LO") was sent by mistake by a clueless student who was trying to type "LOGIN"
- ▶ Later on, they created the TCP/IP (Transmission Control Protocol/Internet Protocol), a system that computers use to transfer information to and from servers and other computers
- Until the 1980s, the internet was only used for transferring research between research institutes

- LAN = Local Area Network (local computers connected to each other)
- ▶ The internet consists of many LANs connected to each other
- WWW = World Wide Web (not the same thing as the internet)
- WWW is a standardized system that was created so that any kind of computer can access and transfer the same information
- One of the ways it does that is through the HTTP protocol, which acts as a language for coding information for any computer
- ▶ When you type `http://www.website.com`, "http" specifies the protocol, and "www" specifies the location of what you're looking for

See you next lecture!